



GAIL FARBER, Director

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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May 05, 2015

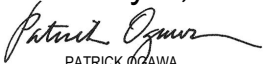
The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

37 May 5, 2015


PATRICK OGAWA
ACTING EXECUTIVE OFFICER

**AUTHORIZE THE COUNTY PURCHASING AGENT TO
PROCEED WITH THE ACQUISITION OF
MAINTENANCE EQUIPMENT
(ALL SUPERVISORIAL DISTRICTS)
(3 VOTES)**

SUBJECT

This action authorizes the acquisition of maintenance equipment items for the Department of Public Works.

IT IS RECOMMENDED THAT THE BOARD:

Approve the acquisition of 45 maintenance equipment items each with a unit cost of \$250,000 or greater.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to seek authorization to acquire maintenance equipment items for the Department of Public Works in accordance with the County of Los Angeles Equipment Policy (Policy) that the Board adopted on October 16, 2001. The Policy requires the Board's approval prior to County departments requisitioning the purchase of equipment with a unit cost of \$250,000 or greater. We are requesting Board approval to authorize the Internal Services Department to proceed with the acquisition of 45 maintenance equipment items as noted in the enclosure. Although a few items are budgeted below \$250,000, the bid may exceed that limit. These equipment items are essential to support the Core Service Areas of Public Works' operations and will be called upon to perform emergency response; sewer maintenance call-outs; maintenance and repair of roads, channels, and debris basins; and vegetation management. These equipment

items will replace antiquated equipment that have become very costly to repair and maintain. They will also comply with and meet applicable air quality and emission standards.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of (Goal 1) Operational Effectiveness/Fiscal Sustainability, (Goal 2) Community Support and Responsiveness, and (Goal 3) Integrated Services Delivery. This action will enable the Department of Public Works to continue to provide County residents with enhanced, responsive, and efficient maintenance services.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The cost for this acquisition is estimated to be \$14,440,000. Financing is included in Public Works' Fiscal Year 2014-15 Internal Service Fund Capital Assets-Equipment Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 16, 2001, the Board adopted a policy whereby County departments must obtain Board approval to purchase equipment with a unit cost of \$250,000 or greater prior to submitting their requisitions for purchasing.

ENVIRONMENTAL DOCUMENTATION

In accordance with Section 15378 of the California Environmental Quality Act Guidelines, approval of the recommended action does not constitute a project and, therefore, is not subject to the requirements of the California Environmental Quality Act.

CONTRACTING PROCESS

This is a commodity purchase under the statutory authority of the County Purchasing Agent. The purchase will be requisitioned through and accomplished by the Internal Services Department in accordance with the County's purchasing policies and procedures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of this request will enable Public Works to replace outdated maintenance equipment, add four additional Compressed Natural Gas-powered Street Sweepers, and continue to provide critical maintenance services to County residents in a more efficient manner.

CONCLUSION

Please return three adopted copies of this letter to the Department of Public Works, Fleet Management Division.

The Honorable Board of Supervisors

5/5/2015

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Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:MS:sh

Enclosures

c: Chief Executive Office (Rochelle Goff)
County Counsel
Executive Office
Internal Services Department

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2014-15 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
1-2	Truck, Stake Body, Dump, Landscape Compressed Natural Gas Items 15-711R, 15-746R	\$260,000 (each)	The stake dump truck is used to support the Water Resources core function of the department. It is used to haul a variety of materials and supplies, such as generators, lumber, sacks of cement, and large volumes of brush. The vehicle is a vital part of our maintenance operations as it ensures surrounding communities are safe during storm events. These items will replace units that are 13 and 15 years old.
3	Truck, Crane, 15 Ton Compressed Natural Gas Item 15-712R	\$325,000	The 15-ton crane is used to support the Water Resources core function of the department. It will maintain Public Works' sea water barriers located in Redondo Beach, Long Beach, Palos Verdes, Malibu, and the canyons. The unique dual winch design of this crane is essential for maintaining the dual wells along the sea water barriers to perform simultaneous lifting of the well components, such as inductor pipes, packers, or well casings. This item will replace a unit that is 20 years old.
4-6	Truck, Dump, 10-Yard, Compressed Natural Gas Items 15-713R, 15-731R, 15-747R	\$325,000 (each)	The 10-yard dump truck is used to support the Water Resources core function of the department. It will haul vegetation, sediment, sludge, earth moving equipment, and construction material for Public Works' flood control infrastructure. This includes concrete channels, Los Angeles River nets, debris basins loaders, backhoes, rail, and timber to ensure surrounding communities are safe during and after major storm events. The water tight rock bed is essential for compliance of state and federal regulations when removing and transporting sludge for disposal at the correct sites. The structural design and integrity of the material used for the rock bed is vital for loading and hauling rock and large debris from our basins. These items will replace units that are 14, 16,

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2014-15 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
			and 16 years old.
7-8	Tractor, Crawler, Low Ground Pressure, Diesel Items 15-716R, 15-732R	\$750,000 (each)	The tractor crawler is used to support the Water Resources core function of the department. It will perform clearing work on Public Works' flood control, earthen bottom channels, and debris basins for storm preparedness to prevent flooding of surrounding communities. It is also used for vegetation clearing on flood control right-of-way properties in fire hazard zones, scarifying of spreading ground basins to loosen the soils for maximum groundwater recharge, redeveloping slopes along spreading ground basins and levees, and moving of mud and sediment during debris basin cleanouts. An advantage of a tractor crawler is that the equipment is very maneuverable and can be used on most terrain, including unlevelled and undulating grounds. These items will replace existing equipment that do not meet applicable air quality and emission standards.
9	Tractor, Crawler Diesel Item 15-715R	\$500,000	The tractor crawler is used to support the Water Resources core function of the department. It will perform brush clearing work on Public Works' flood control, earthen bottom channels, and debris basins for storm preparedness to prevent flooding of surrounding communities. It is also used for vegetation clearing on flood control right-of-way properties in fire hazard zones, scarifying of spreading ground basins to loosen the soils for maximum groundwater recharge, redeveloping slopes along spreading ground basins and levees, and moving of mud and sediment during debris basin cleanouts. An advantage of a tractor crawler is that the equipment is very maneuverable

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FISCAL YEAR 2014-15 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
			and can be used on most terrain, including unlevelled and undulating grounds. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.
10	Tractor, AG w/Mower Diesel, (5-6feet) Item 15-733R	\$275,000	The Tractor with mower is used to support the Water Resources core service of the department. It will perform mowing of debris basins. This specialized off-road vehicle with a mowing head has a telescopic arm that can mow slopes with steep inclines. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.
11	Tractor, Crawler Diesel Item 15-748R	\$500,000	The tractor crawler is used to support the Water Resources core service of the department. It will perform brush clearing work on Public Works' flood control, earthen bottom channels, and debris basins for storm preparedness to prevent flooding of surrounding communities. It is also used for vegetation clearing on flood control right-of-way properties in fire hazard zones, scarifying of spreading ground basins to loosen the soils for maximum groundwater recharge, redeveloping slopes along spreading ground basins and levees, and moving of mud and sediment during debris basin cleanouts. An advantage of a tractor crawler is that the equipment is very maneuverable and can be used on most terrain, including unlevelled and undulating grounds. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.

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FISCAL YEAR 2014-15 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
12	Truck, Water, 4,000 gallon, Diesel, 6x6 Item 15-749R	\$395,000	The water truck is used to support the Water Resources core function of the department. It will be used by commercial drivers on construction and maintenance projects, such as debris basin and inlet cleanouts, grading sediment placement sites, ripping of spreading grounds, mowing of facilities, and any worksite where there are dust-control concerns. The requested water truck would be equipped with an all-wheel drive chassis and water cannon, which is essential when used in Flood Maintenance Division's debris basins and spreading ground operations. As a precaution, the water cannon will disperse water across the rock and debris filled vegetation, therefore reducing the risk of fires caused by sparks from mowing operations. The cannon's ability to spray up to 30 feet assists further at Flood Maintenance Division's facilities with limited access for compliance of South Coast Air Quality Maintenance District's 403 fugitive dust rule. This item will replace a unit that is 15 years old.
13	Truck, Slurry Diesel Item 15-607R	\$450,000	This unit is used to support the Transportation core service of the department. The unit is an essential part of the road maintenance and provides service for slurry projects and preserving and protecting road pavement. This item will replace a unit that is 14 years old.
14	Milling Machine Diesel Item 15-610R	\$400,000	This unit is used to support the Transportation core service of the department. This unit is an essential part of the road maintenance and provides service in every facet of maintaining pavement and resurfacing overlay. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.

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ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
15	Paver, Side, Large, Diesel Item 15-611R	\$300,000	This unit is used to support the Transportation core service of the department. This unit is an essential part of the road maintenance and provides service in every facet of maintaining pavement and resurfacing overlay. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.
16	Excavator, Truck/Wheel Diesel Item 15-614R	\$300,000	This unit is used to support the Transportation core service of the department. This unit is an essential part of the road maintenance and provides service for mountain operation, shoulder and dirt road work, drainage clean out, and emergency operations, such as slope repair, including loading road materials. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.
17-20	Loader, Wheel, M.P. Bucket Diesel Items 15-615R, 15-617R, 15-618R, 15-619R	\$260,000 (each)	These wheel loaders support the Transportation core service of the department. These units are an essential part of road maintenance and provide routine maintenance operations, including shoulder and dirt road work, drainage clean out, snow removal, and storm emergency operations, such as slide removal and guardrail repairs. They are used for loading materials, such as concrete, asphalt, dirt, and brush. They are also used for excavating asphalt and concrete. These items will replace existing pieces of equipment that do not meet applicable air quality and emission standards.
21	Truck, Dump, 5 Yard w/Blade and Sander Diesel Item 15-621R	\$225,000	This unit supports the Transportation core services of the department. This unit is an essential part of road maintenance and provides services in vegetation management, storm damage operations, rock run, hauling of debris and assorted

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ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
			materials, and conduct drain cleanouts. This item will replace a unit that is 16 years old.
22	Truck, 10 Yard, w/Blade and Sander Compressed Natural Gas Item 15-622R	\$275,000	This unit supports the Transportation core service of the department. This unit is an essential part of the road maintenance and provides service in snow removal, rock run, spreading sand on icy roads, and every facet of asphalt, concrete, shoulder, drainage, and vegetation maintenance, storm damage operations, hauling of debris and assorted materials, and transporting various equipment. This item will replace a unit that is 16 years old.
23	Truck, Dump, 5 Yard w/Blade and Sander Diesel Item 15-626R	\$225,000	This unit supports the Transportation core service of the department. This unit is an essential part of road maintenance and provides service in snow removal, rock run, spreading sand on icy roads, and every facet of asphalt, concrete, shoulder, drainage, and vegetation maintenance, storm damage operations, hauling of debris and assorted materials, and transporting various equipment. This item will replace a unit that is 15 years old.
24	Loader, Wheel , M.P. Bucket Diesel Item 15-627R	\$260,000	This wheel loader supports the Transportation core service of the department. This unit is an essential part of road maintenance and provides routine maintenance operations, including shoulder and dirt road work, drainage clean out, snow removal, and storm emergency operations, such as slide removal and guardrail repairs. They are used for loading materials, such as concrete, asphalt, dirt, and brush. They are also used for excavating asphalt and concrete. This item will

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ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
			replace an existing piece of equipment that does not meet applicable air quality and emission standards.
25-26	Truck, Dump 10 Yard, Compressed Natural Gas Items 15-625R, 15-628R,	\$240,000 (each)	These units support the Transportation core service of the department. These units are an essential part of road maintenance and provide service in asphalt, concrete, drainage and vegetation maintenance, storm damage operation, and hauling of debris and assorted materials. These items will replace units that are 18 years old.
27	Truck, Water, 4,000 Gallon, Diesel Item 15-631R	\$245,000	This unit supports the Transportation core service of the department. This unit is an essential part of road maintenance as it is used on a daily basis in flushing road drains, watering trees, and shoulder and dirt road grading operations. South Coast Air Quality Maintenance District has enacted Rule 403 - Fugitive Dust, which requires that we use some type of dust control, such as watering during our routine maintenance operations or face fines for excessive dust generation. In addition, forestry requires (fire control) the use of water trucks during slope mowing operation in mountainous areas to prevent fires. This item will replace a unit that is 16 years old.

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ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
28-31	Truck, Sweeper, Street, Compressed Natural Gas Items 15-676A (4)	\$400,000 (each)	These units support the Transportation core service of the department. Public Works', Road Maintenance Division, manages a street sweeping program. The program supports clean streets and aids in meeting the National Pollutant Discharge Elimination System requirements to reduce pollutant discharge to streams and rivers in Los Angeles County. New street sweeping equipment with modern alternative fuel powered by South Coast Air Quality Maintenance District's compliant sweepers promote our environmental mission and wise fleet management while reducing maintenance requirements and improving equipment availability. These items will replace existing pieces of equipment that do not meet applicable air quality and emission standards.
32-35	Portable Compressed Natural Gas Fuel Station (Small) Items 15-677A, 15-678A, 15-679A, 15-680A	\$300,000 (each)	These are all new units that will support the Transportation core service of the department. These units would be beneficial to Public Works' Road Maintenance Division and utilized to fuel all Compressed Natural Gas equipment. Other County agencies may also use this unit to fuel their similar equipment.
36	Truck, Dump, 10 Yard, Compressed Natural Gas Item 15-407R	\$230,000	This unit supports the Water Resources core service of the department. This unit will be used to transport construction debris, materials, and equipment related to sewer maintenance operations. This item will replace a unit that is 23 years old.
37	Core Drill, Truck Mounted Diesel Item 15-764R	\$250,000	The unit is used to support the Water Resources core function of the department. It will assist the drill crew to perform exploratory work on Public Works' concrete flood channels and inverts to check the depth and condition of the rebar. It is also

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ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
			used for asphalt core samples needed to assist in the construction of new drains. It is used in conjunction with the auger rig on environmental geotechnical jobs when dealing with a concrete street. A trailer-mounted unit can be cumbersome in tight locations while the truck-mounted unit would better assist in these conditions. The truck would be outfitted with a fuel tender to use as a support truck when needed. This item will replace a unit that is 21 years old.
38	Loader, Backhoe Diesel Item 15-758R	\$250,000	This unit is used to support the Water Resources core function of the department. It will clear sediment removal on Public Works' flood control concrete channels and debris basins to ensure surrounding communities are safe during and after major storm events. It is also used to dig entrainment trenches to channelize low flow in earthen bottom channels and debris basins. Attachments include hydraulic breaker for breaking large rocks, rock bucket for placement of rip rap rocks to protect hillsides or sloped areas and compaction wheel for compacting soil to prevent undermining of flood control structures. This item will replace an existing piece of equipment that does not meet applicable air quality and emission standards.
39-41	Loader, Backhoe w/ Attachments Diesel Items 15-670R, 15-671R, 15-672R	\$240,000 (each)	These units support the Transportation core service of the department. These units are an essential part of road maintenance and provide routine maintenance operations, including shoulder and dirt road work, drainage clean out, snow removal, and storm emergency operations, such as slide removal and guardrail repairs. They are used for loading materials, such as concrete, asphalt, dirt, and brush. They are

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			also used for excavating asphalt and concrete. These items will replace existing equipment that do not meet applicable air quality and emission standards.
42-45	Loader, Wheel, M.P. Bucket Diesel Items 15-668R, 15-669R, 15-673R, 15-674R	\$250,000 (each)	These units support the Transportation core service of the department. These units are an essential part of road maintenance and provide routine maintenance operations, including shoulder and dirt road work, drainage clean out, snow removal, and storm emergency operations, such as slide removal and guardrail repairs. They are used for loading materials, such as concrete, asphalt, dirt, and brush. They are also used for excavating asphalt and concrete. These items will replace existing equipment that do not meet applicable air quality and emission standards.
Total:		\$14,440,000	

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